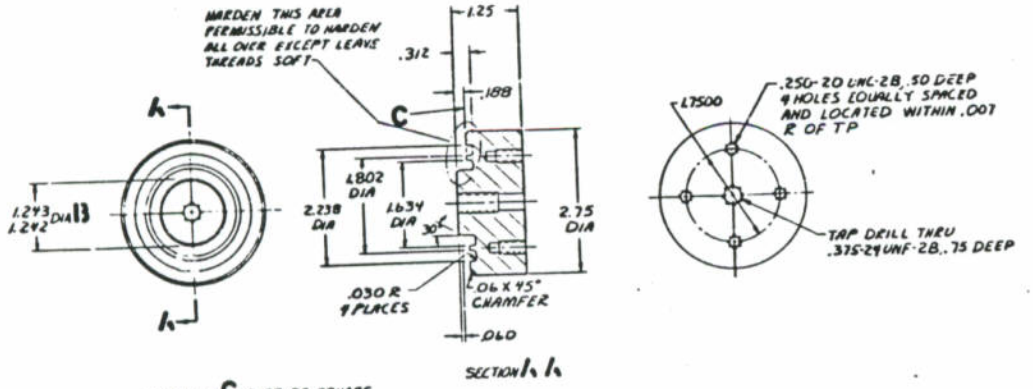
FILE COPY

REDUCED PRINT

| ZONE | LTR | REVISIONS DESCRIPTION | DATE | APPROVED |
|---|---|---|---|---|

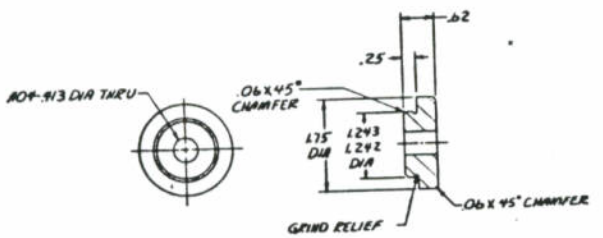



SURFACE C MUST BE SQUARE WITH DIA B WITHIN .001 TIR
DO NOT PLATE PER NOTE 2

(1) SAE 3140

NOTES:

1. MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8-3/16 HIGH FIGURES THE FOLLOWING:
   a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER.
   b) VENDOR NAME OR TRADEMARK.
2. CADMIUM PLATE PER AMS 2400 PRIOR TO ASSY ITEMS 1, 2, 3, 4 AND 10. DIMENSIONS SHALL BE MET AFTER PLATING
3. ALL EXPOSED STEEL SURFACES WHICH ARE NOT PLATED OR PAINTED (AND THREADS OF ITEM 1 AND 3) MUST BE COATED WITH GREASE FOR FULL PROTECTION AGAINST CORROSION

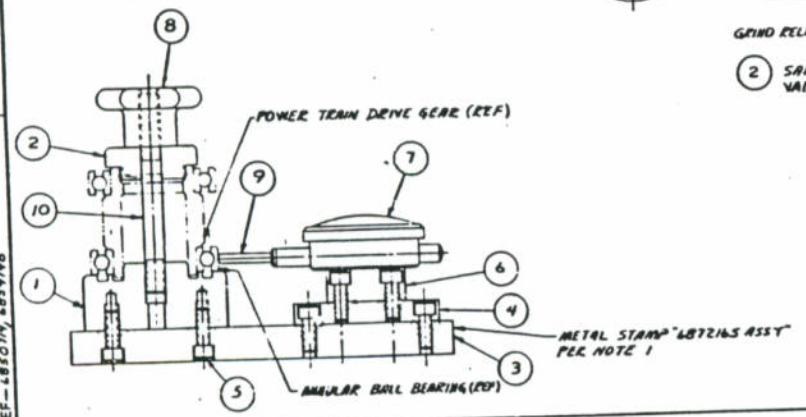



(2) SAE 1018 VAPO-CARB HDN

| ITEM NO. | REQD | NOMENCLATURE OR DESCRIPTION | CODE IDENT | PART OR IDENTIFYING NO. | MATERIAL OR NOTES | SN #D. |
|---|---|---|---|---|---|---|
| 10 | 1 | STUD | | | STEEL | 2 |
| 9 | 1 | POINT | 21938 | PT-232 | FEDERAL PRODUCTS | 1 |
| 8 | 1 | KNOB | 02064 | ADB-45850 | AMERICAN | 1 |
| 7 | 1 | INDICATOR DIAL | 21938 | C I K | FEDERAL PRODUCTS | 1 |
| 6 | 1 | BRACKET, MOUNTING | 21938 | AT-28 | FEDERAL PRODUCTS | 1 |
| 5 | 10 | SCREW SOC HD CAP | | 250-20 x .624G | STEEL (CAD PL) | 1 |
| 4 | 1 | PLATE | | | STEEL | 2 |
| 3 | 1 | BASE | | | STEEL | 2 |
| 2 | 1 | CLAMP | | | STEEL | 1 |
| 1 | 1 | PLATE | | | STEEL | 1 |

FOR PART IDENTIFICATION ITEM NUMBERS ARE EXPRESSED AS DASH NUMBERS OF THIS BASIC DRAWING, EXCEPT WHERE A NUMBER APPEARS IN THE PART OR IDENTIFYING NUMBER COLUMN

6872165




REF — GB501H, 685916

EACH ITEM PURCHASED SEPARATELY MUST BE STAMPED OR ETCHED WITH TOOL NUMBER AND DETAIL NUMBER IF SUITABLE OR SUFFICIENT AREA NOT AVAILABLE, ATTACH TAG.

BREAK SHARP EDGES .020 UOS

USED ON ENGINE MODELS 250 SERIES

SEE ITEM

SEE ITEM

NOTED

AMS 2400

ALLISON DIVISION
GENERAL MOTORS CORPORATION
INDIANAPOLIS, INDIANA

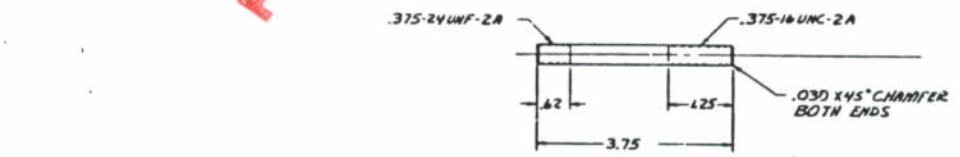
TITLE GAGE-INTERNAL CLEARANCE, HELICAL DRIVE GEAR ASSY

SIZE D | CODE IDENT 73342 | DWG. NO. 6872165

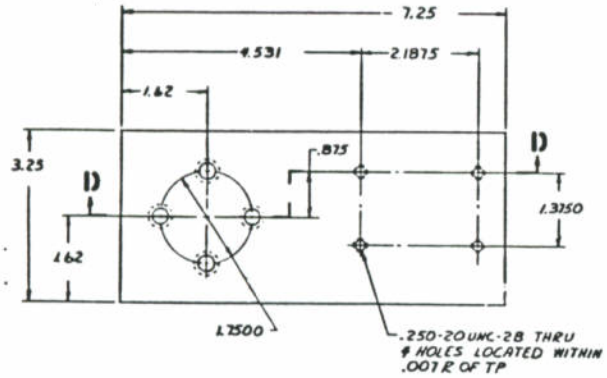
SCALE 1/1 | SHEET 1 OF 2

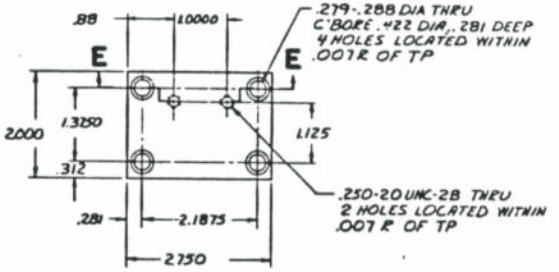
FILE COPY

| REVISIONS | | | |
|---|---|---|---|
| ZONE | LTR | DESCRIPTION | DATE | APPROVED |

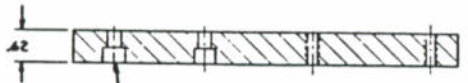



(10) DRILL ROD



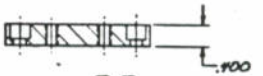




REDUCED PRINT




SECTION D-D

(3) SAE 1020




SECTION E-E

(4) SAE 1020

BREAK SHARP EDGES .020 UOS

EACH ITEM PURCHASED SERIALLY MUST BE STAMPED OR ETCHED WITH TOOL NUMBER AND DETAIL NUMBER IF SUITABLE OR SUFFICIENT AREA NOT AVAILABLE, ATTACH TAG.

| APPROVALS | DATE |
|---|---|
| DRAWN A. SHAFFER | 4/11/67 |
| CHECKED PERKINS | 4/11/67 |
| CHF. DR. Ansley | 4/11/67 |
| METALLURGY | |
| ENGR. 1 A.T.G. | 3/28/67 |
| ENGR. 2 | |
| ENGR. 3 E.R. | 4/11/67 |
| FINAL E.R. | 4/11/67 |
| REVIEW APPROVAL | |

SEE ITEM

SURFACE FINISH NOTED

DRAWING PRACTICE
SURFACE TEXTURE
SCREW THREADS
GENERAL SPECIFICATIONS

ALLISON DIVISION
GENERAL MOTORS CORPORATION
INDIANAPOLIS, INDIANA

TITLE
GAGE-INTERNAL CLEARANCE, HELICAL DRIVE GEAR ASSY

| SIZE | CODE IDENT | DWG. No. |
|---|---|---|
| D | 73342 | 6872165 |

SCALE 4/1 SHEET 2

6872165

REF